



INSPIRON 15

Specifications

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Regulatory model: P28F | Type: P28F001/P28F003

Computer model: Inspiron 3521/3537

Dimensions

	Non-touch	Touch
Height (Front to back):		
With 4-cell battery	24.85 mm to 27.60 mm (0.98 inch to 1.09 inches)	27.25 mm to 30.15 mm (1.07 inches to 1.19 inches)
With 6-cell battery	24.85 mm to 31.80 mm (0.98 inch to 1.25 inches)	27.25 mm to 34.80 mm (1.07 inches to 1.37 inches)
Width		
Depth	259 mm (10.20 inches)	
Weight (Maximum):		
With 4-cell battery	2.20 kg (4.85 lb)	2.50 kg (5.51 lb)
With 6-cell battery	2.35 kg (5.18 lb)	2.65 kg (5.84 lb)

NOTE: The weight of your laptop varies depending on the configuration ordered and the manufacturing variability.

System Information

Computer model Inspiron 3521/3537

	Inspiron 3521	Inspiron 3537
Processor	<ul style="list-style-type: none">Intel Celeron Dual Core (2nd generation)Intel Pentium Dual Core (2nd generation)Intel Core i3 ULV (3rd generation)Intel Core i5 ULV (3rd generation)Intel Core i7 ULV (3rd generation)	<ul style="list-style-type: none">Intel Celeron Dual Core (4th generation)Intel Pentium Dual Core (4th generation)Intel Core i3 ULV (4th generation)Intel Core i5 ULV (4th generation)Intel Core i7 ULV (4th generation)
L1 cache	64 KB per core	
L2 cache	256 KB per core	
L3 cache	Up to 4 MB	
System chipset	Intel HM76	Integrated in processor

Memory

Connectors	Two internally-accessible SODIMM connectors
Type:	
Inspiron 3521	Dual-channel DDR3
Inspiron 3537	Dual-channel DDR3L
Speed	Up to 1600 MHz
Configurations supported	2 GB, 4 GB, 6 GB, and 8 GB

Ports and Connectors

External:

Network	One RJ45 port
USB	<ul style="list-style-type: none">Two USB 3.0 portsOne USB 2.0 portOne USB 2.0 port with Windows debugging
HDMI port	One HDMI port
Audio	One headphone and microphone combo (headset) port

Internal:

Mini-card	One full mini-card slot for Wi-Fi and Bluetooth combo card
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Communications

Network adapter	10/100 Mbps Ethernet LAN on Motherboard (LOM)
Wireless	<ul style="list-style-type: none">Wi-Fi 802.11 b/g/nBluetooth 4.0

Video

Inspiron 3521

Inspiron 3537

Controller:

Integrated	Intel HD Graphics 4000	Intel HD Graphics 5100/4200/4400 series
Discrete	<ul style="list-style-type: none">• AMD Radeon HD 7670M• AMD Radeon HD 8730M	<ul style="list-style-type: none">• AMD Radeon HD 8670M• AMD Radeon HD 8850M

Memory:

Integrated	System shared memory
Discrete	Up to 2 GB

Audio

Controller	ALC3223
Speaker	2 x 2 W
Internal microphone support	Single digital microphone in the camera assembly
Volume controls	Program menus and keyboard media-control keys

Storage

Type	SATA
Interface	<ul style="list-style-type: none">• SATA 1.0 (1.5 Gbps)• SATA 2.0 (3.0 Gbps)• SATA 3.0 (6.0 Gbps)
Hard drives	One 2.5-inch SATA drive (supports Intel Smart Response Technology)
Optical drives	One 9.5 mm SATA drive
Drives supported	DVD+/-RW

Media-card reader

Type	One 8-in-1 slot
Cards supported	<ul style="list-style-type: none">SD cardSD High-Capacity (SDHC) cardSD Extended Capacity (SDXC) card with Ultra High Speed (UHS)Memory StickMemory Stick PROMemory Stick XC (MSXC)MultiMedia Card (MMC)MultiMedia Card plus (MMC+)

Display

Type	<ul style="list-style-type: none">15.6-inch HD15.6-inch HD touchscreen
Maximum resolution	1366 x 768
Dimensions:	
Height	224.30 mm (8.83 inches)
Width	360 mm (14.17 inches)
Diagonal	396.24 mm (15.60 inches)
Refresh rate	60 Hz
Operating angle	0 degree (closed) to 140 degrees
Pixel pitch	0.252 mm
Controls	Brightness can be controlled through keyboard shortcuts

Keyboard

Type	Chiclet keyboard
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Camera

Resolution:	
Still image	0.92 megapixels
Video	1280 x 720 (HD) at 30 fps (maximum)
Diagonal viewing angle	74 degrees

Touchpad

Resolution:

Horizontal	1560 dpi
Vertical	2553 dpi

Dimensions:

Height	54 mm (2.13 inches)
Width	98 mm (3.86 inches)

Battery

Type	<ul style="list-style-type: none">4-cell "smart" lithium ion (40 Whr) – non-touch only6-cell "smart" lithium ion (65 Whr)
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Dimensions:	4-cell	6-cell
Height	20 mm (0.79 inch)	27.40 mm (1.08 inches)
Width		272.40 mm (10.72 inches)
Depth		49.30 mm (1.94 inches)
Weight	0.26 kg (0.57 lb)	0.36 kg (0.79 lb)
Voltage	14.8 V	11.1 V

Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions
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Life span (approximate)	300 discharge/charge cycles
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Temperature range:	
Operating	0 °C to 35 °C (32 °F to 95 °F)
Storage	–40 °C to 65 °C (–40 °F to 149 °F)

Coin-cell battery	CR-2032
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Power Adapter

Type	<ul style="list-style-type: none">• 65 W• 90 W
Input voltage	100 VAC–240 VAC
Input current (maximum)	1.50 A/1.60 A/1.70 A/2.50 A
Input frequency	50 Hz–60 Hz
Output current	3.34 A/4.62 A
Rated output voltage	19.50 VDC
Temperature range:	
Operating	0 °C to 40 °C (32 °F to 104 °F)
Storage	–40 °C to 70 °C (–40 °F to 158 °F)

Computer Environment

Temperature range:	
Operating	0 °C to 40 °C (32 °F to 104 °F)
Storage	–40 °C to 70 °C (–40 °F to 158 °F)
Relative humidity (Maximum):	
Operating	10 % to 90 % (non-condensing)
Storage	10 % to 95 % (non-condensing)
Maximum vibration (Measured using a random vibration spectrum that simulates user environment):	
Operating	0.66 GRMS
Storage	1.30 GRMS
Maximum shock (Measured with hard drive in operating status and a 2-ms half-sine pulse for operating. Also measured with hard drive in head-parked position and a 2-ms half-sine pulse for storage):	
Operating	110 G
Storage	160 G
Altitude (Maximum):	
Operating	–15.20 m to 3048 m (–50 ft to 10,000 ft)
Storage	–15.20 m to 10,668 m (–50 ft to 35,000 ft)
Airborne contaminant level	G1 as defined by ISA-S71.04-1985